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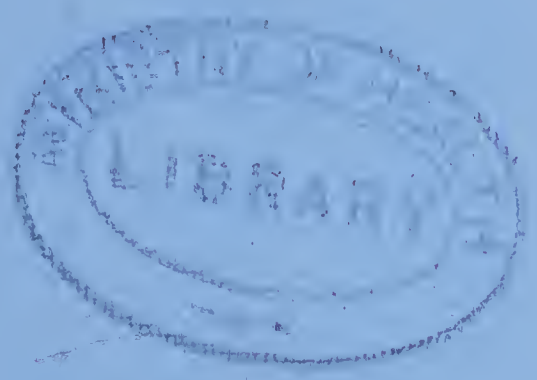
ANNUAL REPORT

OF THE

Medical Officer of Health

FOR

1950



NICOLAS GEBBIE, M.D., D.P.M., D.P.H.,
Medical Officer of Health.

Hull & Goole Port Health Authority

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HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members Elected by the Corporation of Kingston upon Hull

Alderman R. E. Smith (*Chairman*)
Alderman A. Stark (to 2nd November, 1950)
Councillor H. Harrison (to 9th May, 1950)
Councillor H. J. Barney
Councillor G. E. Brint

Members Elected by the Goole Borough Council

Alderman E. Johnson (*Deputy-Chairman*)
Alderman E. Creek (to 22nd November, 1950)
Councillor C. P. Wadsworth

Officers of the Authority—

E. H. Bullock, *Solicitor, Clerk*
C. H. Pollard, O.B.E., F.S.A.A., F.I.M.T.A., F.S.S., *Treasurer*
Nicolas Gebbie, M.D., D.P.M., D.P.H., *Medical Officer of Health*
R. H. Moyes, M.B.E., M.D., D.P.H., *Deputy Medical Officer of Health*
G. R. Walker, M.B., Ch.B., D.T.M., D.P.H.,
Assistant Medical Officer of Health
J. Tong, B.A., L.M.S.S.A., C.P.H.,
Assistant Medical Officer of Health
R. Miller, M.B., Ch.B., B.A.O., D.P.H.,
Assistant Medical Officer of Health (to 14th May, 1950)
M. J. Collins, M.B., B.Ch., D.P.H.,
Assistant Medical Officer of Health (from 29th May, 1950 to 30th September, 1950)
A. S. Carey, M.B., Ch.B., D.P.H.
Assistant Medical Officer of Health (from 1st October, 1950)
S. K. Appleton, M.D., D.T.M., D.P.H.,
Deputy Medical Officer of Health at Goole
D. J. T. Bagnall, A.C.G.F.C., F.R.I.C., *Port Analyst*
*S. Rhodes, *Chief Food Inspector*
†A. J. W. Harding, *Senior Port Health Inspector*
†M. Thomas, *Deputy Senior Port Health Inspector*
J. R. Z. Bownass, *Port Health Inspector*
†G. Wallace, *Port Health Inspector*
†T. A. Fox, *Port Health Inspector*
*L. R. Gourd, *Senior Assistant Food Inspector*
*B. E. C. Cole, *Assistant Food Inspector*
*A. Day, *Assistant Food Inspector*
*G. A. Sandilands, *Assistant Food Inspector*
*W. Norman, *Assistant Food Inspector* (from 10th October, 1950)
G. E. Fox, *Rodent Searcher*
H. S. Rogerson, *Rodent Searcher*
W. H. Cook, *Rodent Searcher*

Clerical Staff :—

S. Johnson, *Senior*
S. Broadbent
A. Forster

Offices of the Authority—

9 Pier Street, Hull, Yorks.

*Appointed as Assistant Officers at Hull under the Public Health (Imported Food) Regulations, 1937-48. (Part-time Officers).

†Appointed as Assistant Officers at Goole under the Public Health (Imported Food) Regulations, 1937-48.

9 Pier Street,
Hull.

To the Chairman and Members of the
Hull and Goole Port Health Authority.

Gentlemen,

I have the honour to submit the Report of the Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1950.

As in former years the Report has been prepared in accordance with the instructions contained in Memorandum 302/S.A. of the Ministry of Health.

The volume of tonnage entering the district has been maintained during the year but the number of vessels arriving shows a decrease of 700 when compared with the figure for 1949.

Twenty cases of infectious or suspected infectious disease received hospital treatment and in all instances every assistance was given by the Medical Superintendents of the hospitals concerned and by the Hull Corporation Ambulance Service to facilitate the admission of the patients.

The rat population on vessels continues to diminish which must be ascribed to the energetic rat repression measures carried out in the years following the war.

The Officers of the Authority have continued to perform their various duties in a highly satisfactory manner and I take this opportunity to thank them for their loyal support.

Dr. Appleton, Deputy Port Medical Officer of Health at Goole has continued to give valuable help at the Port of Goole.

Thanks are also tendered to H.M. Collector of Customs and his Officers, especially the Waterguard ; to H.M. Inspector (Home Office—Aliens Branch) and his staff ; to the Pilots and Dock Masters, and to the Owners, Agents and Masters of vessels for their continued co-operation. I am also grateful to the Docks and Inland Waterways Executive at Hull and Goole for supplying information regarding the trade of the respective ports.

The Chairman and Members of the Authority have continued throughout the year to take a keen interest in Port Health Work. Their courtesy and kindness to me on all occasions are much appreciated.

I am,

Your obedient servant,

NICOLAS GEBBIE, M.D.,

Port Medical Officer of Health.

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REPORT

Jurisdiction of Port

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

Amount of Shipping entering the Port during the year

During 1950, 9,887 vessels entered the Ports of Hull and Goole with a total net tonnage of 6,471,638 as against 10,587 vessels with a total net tonnage of 6,474,941 in 1949.

In the year under review, 527 ships were boarded by the Medical Officers of the Authority ; this shows an increase of 17 when compared with the figure for 1949.

The Port Health Inspectors visited 6,588 vessels, on 697 of which sanitary defects were discovered ; 237 of these were rectified. In 1949, the figures were respectively 6,750, 809 and 313. Details of this work will be found in Appendix 1, pages 52-57.

HULL

TABLE A

	Number	Tonnage	Number Inspected: By the Medical Officer of Health	Number Inspected: By the Sanitary Insp'ctor	Number reported to be defective	Number of vess'ls on which defects were remedied	Number of vessels on which defects were found and reported to Ministry of Transport Surveyors	Number of vess'ls rep'td as having, or having had, during the voyage infeetious disease on board.
FOREIGN—								
Steamers			435	1,852	245	130	17	24
†Motor*	3,733	4,401,369	88	1,209	148	31	5	5
Sailing			—	—	—	—	—	—
Fishing	1,950	383,548	1	809	24	13	8	—
Total Foreign	5,683	4,784,917	524	3,870	417	174	30	29
COASTWISE—								
Steamers			3	509	83	40	10	2
Motor*	1,788	941,443	—	689	35	5	8	—
Sailing			—	—	—	—	—	—
Fishing	—	—	—	—	—	—	—	—
Total Coastwise	1,788	941,443	3	1,198	118	45	18	2
Total Foreign and Coastwise	7,471	5,726,360	527	5,068	535	219	48	31

† Includes 548 Danish Fishing Vessels of which 209 were inspected.

GOOLE

	Number	Tonnage	Number Inspected: By the Medical Officer of Health	Number Inspected: By the Sanitary Insp'ctor	Number reported to be defective	Number of vess'ls on which defects were remedied	Number of vessels on which defeets were found and reported to Ministry of Transport Surveyors	Number of vess'ls rep'td as having, or having had, during the voyage infectious disease on board.
FOREIGN—								
Steamers			—	326	27	4	1	—
Motor*	1,162	276,298	—	481	58	5	1	—
Sailing			—	—	—	—	—	—
Fishing	—	—	—	—	—	—	—	—
Total Foreign	1,162	276,298	—	807	85	9	2	—
COASTWISE—								
Steamers			—	402	40	9	7	—
Motor*	1,254	468,980	—	311	37	3	1	—
Sailing			—	—	—	—	—	—
Fishing	—	—	—	—	—	—	—	—
Total Coastwise	1,254	468,980	—	713	77	12	8	—
Total Foreign and Coastwise	2,416	745,278	—	1,520	162	21	10	—
Total Foreign and Coastwise, Hull & Goole	9,887	6,471,638	527	6,588	697	240	58	31

* Includes mechanically propelled vessels other than steamers.

NOTE.—Thirty-six informal notiees were served on Masters and Officers in charge of vessels at the Ports of Hull and Goole respecting defects and nuisances on board.

CHARACTER OF TRADE OF PORT

Passenger Traffic

During the year 26,081 passengers, Alien and British, entered or departed from the Ports of Hull and Goole as against 21,871 for 1949.

There was an increase of 2,026 Aliens entering the district when compared with the figure for 1949.

There was an increase over the previous year of 1,015 British passengers outward from the district.

TABLE B

HULL Passenger Traffic during 1950

No. of Passengers		1st Class	2nd Class	3rd Class	Trans-migrants.	Total.
Inwards	Aliens	6,316			—	13,885
	British....	7,569			—	
Outwards	Aliens	4,148			—	11,021
	British....	6,873			—	

Total Passengers, Inwards and Outwards 24,906

GOOLE

No. of Passengers.		1st Class	2nd Class	3rd Class	Trans-migrants	Total.
Inward	Aliens	135			—	405
	British....	270			—	
Outwards	Aliens	213			—	770
	British....	557			—	

Total Passengers, Inwards and Outwards 1,175

Figures for Table B were supplied by H.M. District Inspector (Home Office—Aliens Branch).

Cargo Traffic, including Foreign Countries from which vessels arrive

HULL

IMPORTS :—

Commodity	1950 Tons	1949 Tons
Building and Road Making Materials	23,703	—
Fish Landings	212,569	256,567
Fruit and Vegetables	89,963	122,127
Grain, Flour and Milling Offals	623,646	775,503
Food and Provisions	291,059	299,284
Molasses	176,560	64,615
Oilseeds and Nuts	387,551	325,361
Other Ores	81,195	86,401
Oil and Spirit	1,650,250	1,640,618
Iron and Steel Manufactures	396,887	442,171
Raw Wool	96,956	87,661
Pitwood and Mining Timber	87,065	177,264
Other Timber	284,517	349,060
Chemicals and Chemical Fertilisers	214,774	129,050
Other Commodities	453,573	383,931
Totals	5,070,268	5,139,613

EXPORTS :—

Coal, Coke and Patent Fuel	2,128,356	2,583,723
Building and Road Making Materials	7,297	3,850
Processed Food and Drink	2,843	—
Chemicals and Chemical Fertilisers	20,086	22,129
Machinery	49,400	25,335
Vehicles	26,648	11,954
Tinplate	20	—
Iron and Steel Goods	122,207	97,085
Oil and Spirit	34,573	19,915
Cotton Goods	1,551	—
Woollen Goods....	1,566	—
Other Textiles	902	—
Other Commodities	402,770	409,528
Totals	2,798,219	3,173,519
TOTAL IMPORTS AND EXPORTS	7,868,487	8,313,132

There are regular freight, and in certain cases, passenger services between this port and France, Belgium, Holland, Germany and the Scandinavian countries.

Vessels also arrive at the port from Australia, New Zealand, South America, the U.S.A. and Canada, India and Pakistan, South, East, West and North Africa.

Coastwise traffic is principally concerned with Aberdeen, Leith, Tyne and Tees Ports, Sunderland, Grimsby, King's Lynn and London.

River and canal traffic is between Hull and Leeds, Bradford, Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse, Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

GOOLE

The trade of Goole is chiefly continental and coastwise in character.

IMPORTS :—

Commodity	1950 Tons	1949 Tons
Building and Road Making Materials	4,858	5,500¼
Fruit and Vegetables	1,718	3,459½
Grain and Flour, etc.	35	98
Farina	23,068	10,735¼
Food and Provisions	25,521	25,389¼
Sugar	9,654	10,360
Oil Seed and Nuts	2	—
Ores (other than iron)	1,399½	1,401
Iron and Steel	18,748	37,044
Machinery	1,457¼	2,299
Scrap	71,943¾	65,725¼
Raw Wool	18,270	19,394
Pitwood and Mining Timber	—	—
Other Timber	4,176	2,395¼
Chemicals	1,082	946
Chemical Fertilisers	9,233½	12,096½
General Cargo	28,284	28,095¾
Hides	3,921	943
Sand	67,946	72,081¾
Strawboards	37,545	20,109
Totals	328,862	318,072¾

EXPORTS :—

Commodity	1950 Tons	1949 Tons
Bunker Coal Shipments	63,447	61,494¾
Coal	1,222,261¼	1,176,040¼
Coke	84,525½	55,897¼
Building and Road Making Materials	2,928	1,462
Pitch	68,488	33,469¾
Processed Food and Drink	13	—
Chemicals	3,383	1,755
Machinery	11,218	8,897½
Vehicles	37	—
Iron and Steel Goods	21,019	23,789½
Oil and Spirit :—		
Creosote	5,555	7,203¼
Refined Tar	11,431	5,490½
Woollen Goods	13,546	15,526
Other Textiles	3,941	1,870
General Cargo	31,279½	25,084½
Barley	10,472	2,131¼
Totals	1,553,544¼	1,420,111½
TOTAL IMPORTS AND EXPORTS	1,882,406¼	1,738,184¼

LIVESTOCK EXPORTS :—

Horses	25	654
Other Animals	61	298

MEDICAL INSPECTION OF ALIENS

Annual return by the Medical Inspector of Aliens for the year ended 31st December, 1950

	Total	Number inspected by the Medical Inspector	Number subjected to detailed examination by the Medical Inspector	Certificates Issued					
				Lunatic Idiot or M.D.	Undesirable for Medical Reasons	Physically Incapacitated	Suffering from acute Infectious Disease	Landing necessary for adequate Medical Examination	Transmigrants
				(*a*)	(*b*)	(*c*)	(*d*)	(*e*)	
(*a*) Total number of Aliens landing at the Port	6,316	5,313	548	—	—	—	—	—	—
(*b*) Aliens refused permission to land by Immigration Officer	41	—	—	—	—	—	—	—	—
(*c*) Transmigrants	—	—	—	—	—	—	—	—	—
Total Aliens arriving at the Port	6,357	5,313	548	—	—	—	—	—	—

Total number of vessels carrying Alien Passengers 562

Number of vessels dealt with by the Medical Inspector 267

SOURCE OF WATER SUPPLY

For the Port

	Source of Water
St. Andrew's Dock	Docks and Inland Waterways Executive Supply
Albert and Sir Wm. Wright Docks	do.
Humber Dock	Hull Corporation supply
Victoria Dock	do.
Alexandra Dock	do.
King George Dock	do.
Saltend Jetty, No. 1	do.
,, ,, No. 2	do.
Goole Docks	Goole Borough Council supply

The water, which is very pure, is derived from deep wells; its hardness is just over twenty parts per 100,000 about six being permanent.

For Shipping

The water supplied to ships is identical with that of the City and is delivered either by means of water boats or by hydrants situated on the dockside.

Number of Water Boats and their Sanitary Condition

Docks	Number of Boats	Capacities in Tons
St. Andrew's	3	121, 140, 92
Albert and Sir Wm. Wright	2	67, 63
Humber	1	65
Victoria	2	50, 36
Alexandra	6	65, 60, 60, 50, 50, 45
Goole	2	60, 20

These boats are inspected at frequent intervals by the Authority's Inspectors, who report immediately any conditions which require attention. The vessels are cleaned out periodically and the tanks cement-washed, with the exception of three boats in the St. Andrew's Dock. The tanks on these vessels are lined with a bitumastic material and are scrubbed down at regular intervals. In addition to these measures samples are taken, from time to time, for chemical analysis and bacteriological examination.

Water Examinations

Eighteen water samples obtained from vessels and water-boats were examined.

(*a*) CHEMICAL :—

Waters	Total	Satisfactory	Suspicious	Unsatisfactory
From ships and water-boats in docks at Hull	18	15	—	3

(*b*) BACTERIOLOGICAL :—

Eighteen samples were examined bacteriologically by the Director of the Public Health Laboratory Service. The results of the examinations were as follows :—

Total	Highly Satisfactory	Unsatisfactory
18	11	7

Where the water samples were considered to be unsatisfactory, as the result of the chemical or bacteriological findings, instructions were issued for the water tanks to be cleansed and cement-washed and re-filled with fresh water at this port.

In certain instances, owing to the short stay of the vessels in port, it was impossible to carry out these instructions but the masters of the vessels concerned were advised to boil the water before use and to cleanse and re-fill the tanks at the next port of call. In all cases where the vessels were proceeding to British ports the respective Port Medical Officers of Health were notified of the circumstances.

PORT HEALTH REGULATIONS, 1933 & 1945

During the year 25 cases of infectious diseases were found on vessels arriving at the port ; 24 of these were members of crews, and 1 was a passenger.

The cases were as follows :—Influenza 1, malaria 11, tuberculosis 4, pneumonia 1, mumps 5, measles 2, and dysentery 1.

Of the 37 cases of infectious disease occurring on vessels during the voyage but disposed of prior to arrival, 32 were cases of malaria.

No case or suspected case of human plague, cholera, yellow fever or smallpox occurred within the area of the Authority during 1950.

Details of cases of infectious sickness landed from vessels are shown in Table C, page 19, and in Table D, page 19, particulars of cases of infectious sickness occurring on vessels during the voyage but disposed of prior to arrival.

Appendix 2 (pages 46-48) gives a monthly return of the ships boarded by Medical Officers and their ports of origin.

Details of cases of infectious sickness occurring on vessels during the voyage to Hull or Goole will be found in Appendix 4 (pages 50-51).

NOTIFICATION TO THE AUTHORITY OF INWARD VESSELS REQUIRING SPECIAL ATTENTION (WIRELESS MESSAGES, LAND SIGNAL STATIONS, INFORMATION FROM PILOTS, CUSTOMS OFFICERS, ETC.)

Radio telegrams regarding the arrival of incoming vessels are received from the Humber Radio Station at Mablethorpe, Lincs., via the General Post Office, Hull.

HOSPITAL ACCOMMODATION AVAILABLE FOR PLAGUE, CHOLERA, YELLOW FEVER, SMALLPOX AND OTHER INFECTIOUS DISEASES

Cases of plague, cholera, yellow fever, smallpox, or any other cases of infectious disease, can be treated at the Castle Hill Hospital, Cottingham, E. Yorks.

AMBULANCE TRANSPORT

Ambulances for the removal of patients to hospital are provided at all times by the Kingston upon Hull Ambulance Service. Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station.

ARRANGEMENTS FOR THE BACTERIOLOGICAL OR PATHOLOGICAL EXAMINATION OF RATS FOR PLAGUE

The bacteriological examination of rats for plague is carried out by the Public Health Laboratory Service, directed by the Medical Research Council for the Ministry of Health.

ARRANGEMENTS FOR OTHER BACTERIOLOGICAL OR PATHOLOGICAL EXAMINATIONS

The bacteriological examination of samples of foodstuffs and drinking water from ships' tanks is performed by the Public Health Laboratory Service.

INFORMATION AS TO THE LOCATION, DAYS AND HOURS OF THE AVAILABLE FACILITIES FOR THE DIAGNOSIS AND TREATMENT OF VENEREAL DISEASE AMONG MERCHANT SEAMEN UNDER INTERNATIONAL ARRANGEMENTS, INCLUDING IN-PATIENT TREATMENT; ALSO AS TO THE STEPS TAKEN TO MAKE THESE FACILITIES KNOWN TO SEAMEN

The administration of the Venereal Diseases' Clinic is under the control of the Regional Hospital Board.

The days and hours when treatment can be obtained are identical with the times set out in the report for 1949.

TABLE C

Cases of Infectious Sickness landed from Vessels

Disease	No. of Cases during the Year		No. of vessels concerned	Average No. of Cases for previous 5 years
	Passengers	Crew		
Malaria	—	11	7	6·2
Mumps	—	5	2	1·4
Pul. Tuberculosis	—	4	4	2·6
Measles	1	1	2	·6
Dysentery	—	1	1	1·0
Pneumonia	—	1	1	3·2
Influenza	—	1	1	1·6
Diphtheria	—	—	—	·8
Scarlet Fever	—	—	—	·6
Enteric Fever	—	—	—	·6
Rubella	—	—	—	·4
Cerebro-spinal Meningitis	—	—	—	·4
Acute Anterior .... Poliomyelitis	—	—	—	·4
Whooping Cough	—	—	—	·4

TABLE D

Cases of Infectious Sickness occurring on vessels during the voyage but disposed of prior to arrival

Disease	No. of Cases during the Year		No. of vessels concerned	Average No. of Cases for Previous 5 Years
	Passengers	Crew		
Malaria	—	32	13	21·6
Measles	—	3	1	·6
Pul. Tuberculosis	—	2	2	1·6
Diphtheria	—	—	—	1·0
Enteric Fever	—	—	—	·4
Dysentery	—	—	—	·4
Yellow Fever	—	—	—	·4
Mumps	—	—	—	·2
Small-pox	—	—	—	·2
Influenza	—	—	—	·2

MEASURES AGAINST RODENTS

STEPS TAKEN FOR DETECTION OF RODENT PLAGUE

(*a*) On Ships in the Port

The Authority's Rodent Searchers continue to trap vessels from Infected Areas and on all other ships where there is evidence of a rat population.

All rats trapped or found dead on board are brought to the office, where a proportion of those trapped and all found dead are submitted to the Director of the Public Health Laboratory Service for examination for the presence of disease.

(*b*) On quays, wharves, warehouses, etc., in the vicinity of the Port.

Although the jurisdiction of the Authority does not extend to the neighbouring quays, wharves, warehouses, etc., the rat catchers of the Docks and Inland Waterways Executive (North Eastern Region), from time to time submit rats which have been caught in their warehouses for bacteriological examination. These are submitted to the Director of the Public Health Laboratory Service for examination.

Table F (page 21) gives details of the rats caught month by month.

MEASURES TAKEN TO PREVENT THE PASSAGE OF RATS BETWEEN SHIPS AND THE SHORE

All ships from " Infected Areas " are required to place efficient rat guards on all mooring ropes to prevent the passage of rats between ships and the shore. The Port Health Inspectors pay daily visits to ships to see that this order is carried out.

METHODS OF DERATISATION

Ships.—Three methods of rat destruction were used at this port during the year : (1) Fumigation by Hydrogen Cyanide, (2) Fumigation by Sulphur Dioxide and (3) Trapping. Poisoning was not used as a means of deratisation.

Particulars of the work undertaken during the year are shown in Tables G and H (pages 22-23).

Premises in the Vicinity of Docks and Quays.—Trapping and poisoning are the only methods used by the rat catchers employed by the Docks and Inland Waterways Executive (North Eastern Region). Details of this work are given in Table F (page 21).

TABLE E

Rats destroyed during the year

(1) On Vessels

Number of Rats	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in year
Black Rats	10	38	108	95	63	117	37	113	237	32	8	20	878*
Brown Rats	—	—	—	—	—	—	—	—	—	—	—	—	—
Species not recorded	—	—	—	—	—	—	—	—	—	—	—	—	—
Rats examined	—	2	16	—	3	13	2	32	6	—	—	2	76
Rats infected with Plague	—	—	—	—	—	—	—	—	—	—	—	—	—

* This total includes 525 rats killed as a result of fumigation.

TABLE F

(2) In Docks, Quays, Wharves and Warehouses

Number of Rats	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total* in year
Black Rats	27	24	37	35	48	43	46	68	37	124	42	49	580
Brown Rats	239	201	227	155	137	156	127	132	190	155	155	114	1,988
Species not recorded	—	—	—	—	—	—	—	—	—	—	—	—	—
Rats examined	6	3	4	7	—	—	—	2	—	2	—	3	27
Rats infected with Plague	—	—	—	—	—	—	—	—	—	—	—	—	—

* The above rats were caught by Rat Catchers employed by the Docks and Inland Waterways Executive (North Eastern Region).

TABLE G

Measures of Rat Destruction on Plague "infected" or "suspected" Vessels or Vessels from plague infected Ports arriving in the Port of Hull during the year

Total Number of such Vessels arriving	Number of such Vessels fumigated by S.O.2.	Number of Rats killed	Number of such Vessels fumigated by H.C.N.	Number of Rats killed	Number of such Vessels on which trapping, poisoning, &c., were employed	Number of Rats killed	Number of such Vessels on which measures of Rat destruction were not carried out
384	—	—	†18	408	169	269	205

† On 8 of these vessels trapping was carried out.

TABLE H

Deratisation Certificates and Deratisation Exemption Certificates issued during the year

Net Tonnage	No. of Ships	No. of Deratisation Certificates issued					No. of Deratisation Exemption Certificates issued	Total Certificates issued
		After fumigation with			After Trapping, Poisoning, &c.	Total		
		†H.C.N.	Sulphur	H.C.N. & Sulphur				
Ships up to 300 tons	189	—	—	—	—	—	189	189
,, from 301 tons to 1,000 tons	131	7	—	—	1	8	123	131
,, from 1,001 tons to 3,000 tons	67	13	—	—	—	13	54	67
,, from 3,001 tons to 10,000 tons....	94	13	—	—	—	13	81	94
,, over 10,000 tons	—	—	—	—	—	—	—	—
TOTALS....	481	33	—	—	1	34	447	481

† 23 vessels were fumigated by liquefied hydrogen cyanide, and 10 by " Cyanosorb."

HYGIENE OF CREWS' SPACES

TABLE J

Classification of Nuisances

Nationality of Vessels	Number inspected during 1950	Defects of original construction	Structural defects through wear and tear	Dirt, vermin and other conditions prejudicial to health
British....	4,014	103*	397	1,510
Foreign	2,574	808*	66	49

* 74 defects on British ships and 250 defects on those of other nations arose as a result of structural alterations.

Smoke Nuisances

Vessels lying in the docks have been watched and, where necessary, those in charge of fires on board have been cautioned and requested to be careful when firing up, so as to avoid creating a nuisance by the emission of black smoke.

Parrots (Prohibition of Import) Regulations, 1930

In accordance with the above regulations, 16 parrots, 6 budgerigars and 2 love-birds were dealt with during the year.

The effect of these regulations is to prevent the importation of parrots into this country, except in certain exceptional cases.

PUBLICITY

During the post-war years the Officers of the Authority have collected and prepared appropriate material with the object of conveying to the public, through the medium of an exhibition stall, some idea of the work which is carried out by a Port Health Authority.

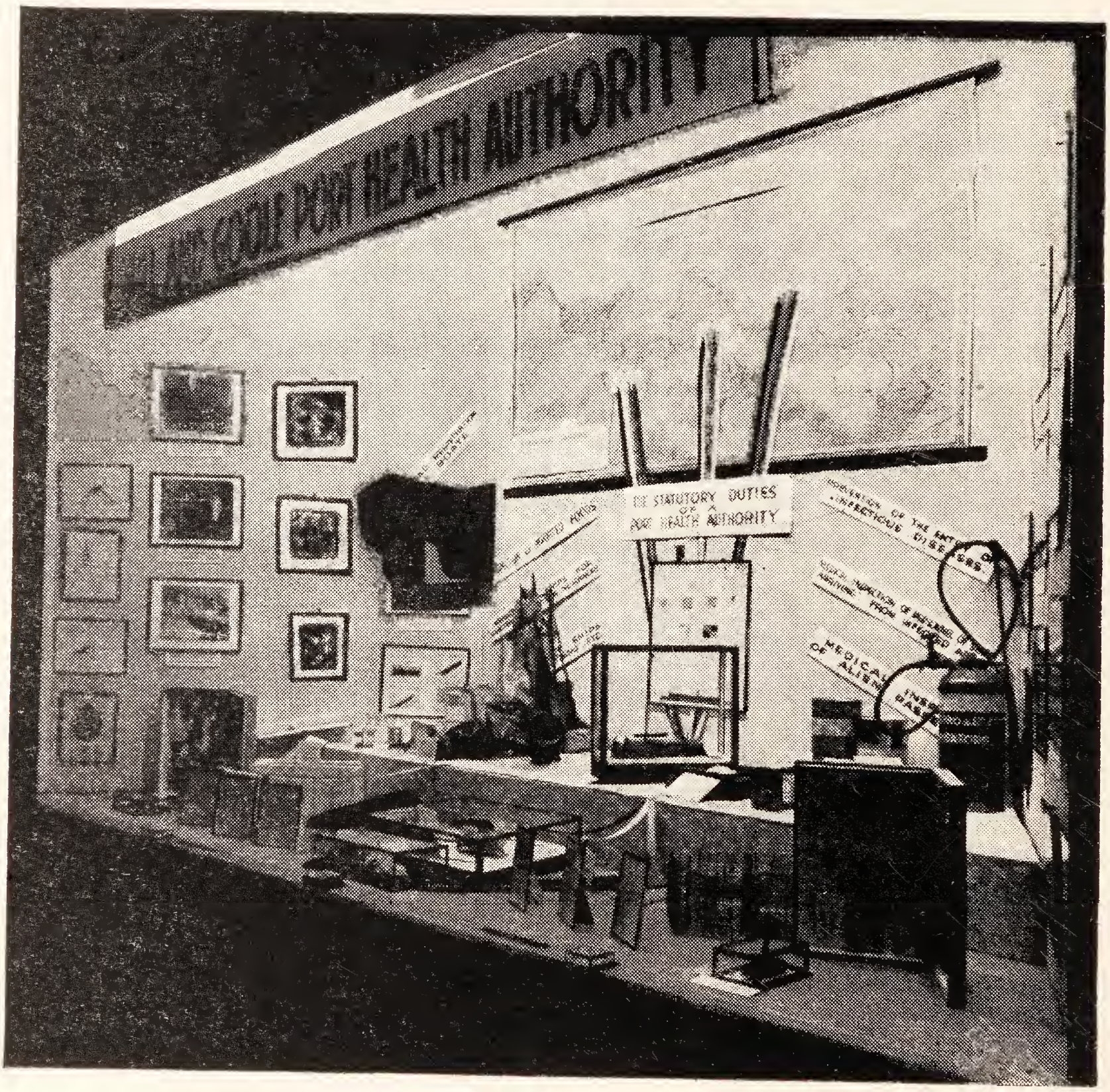
This stall has been erected at various Merchant Navy and other similar exhibitions throughout Yorkshire and a keen interest has at all times been displayed by the general public on these occasions.

It is obvious that this effort made by your Officers to give the public an insight into the affairs of a section of the Public Health Service, a section which perhaps does not receive its due amount of publicity, was appreciated.

The exhibits displayed on these occasions have consisted mainly of photographs dealing with all aspects of Port Health work, apparatus and equipment used in deratisation and disinfestation of ships and specimens of rats and insects associated with ships. A popular feature was the showing of a highly magnified rat-flea through an enclosed microscope.

The Officers of the Authority continue to add to and improve the nature and character of the exhibits if only as a means of bringing home to the general public the value and importance of the duties and work they perform in the public interest.

A photograph of the latest display is reproduced on page 26.


PORT HEALTH AUTHORITY
STATUTORY DUTIES
OF A
PORT HEALTH AUTHORITY

SHIP SANITATION

The statistics relating to defects in Table A, page 10 of this report do not present a complete picture of this aspect of the work of the Authority. Column (5) indicates that there were 697 ships reported as being defective, while column (6) records only 240 of these as being remedied. It must be pointed out, however, that on 429 vessels, British and Foreign, defects of original construction or defects due to structural alterations were found. Port Health Authorities have no legal powers with regard to the remedying of these conditions and in practice the procedure is, so far as British ships are concerned, to forward a letter to the Ministry of Transport informing them of the existence of these defects in order that they may take any action considered necessary. With regard to foreign-owned ships having defects of this type, the only action available is to draw the attention of the Master to their existence and to hope for the best. The recording of such defects in foreign ships can be useful if and when comparative statistics are required.

CERTIFICATES OF HEALTH

During the year twelve Certificates of Health were issued to firms in respect of consignments of woollen rags and recovered woollen grease for export to Russia and Turkey respectively.

Dangerous Drugs (No. 3) Regulations, 1923

Four applications were received for certificates to procure dangerous drugs under the provisions of the above regulations. The drugs were for use on the following vessels :—m.v. " Abraham Lincoln " (Norwegian), s.s. " Milly " (Liberian), m.v. " Julia " (Hondurasian) and s.s. " Turul " (Panamanian).

Canal Boats

Number of inspections to Canal Boats	613
Additional Inspections made to ascertain if notices served and verbal cautions given had been complied with	24
Total number of Inspections	637

The 613 inspections were made on 338 boats which are registered to accommodate 1,256 adult persons and 632 children, whilst 665 adults (656 males and 9 females) and 1 child were found to be occupying them.

Contraventions

Number of Canal Boats with contraventions	77
Number of contraventions	113
Number of contraventions remedied	29

In all cases where notices or letters have been addressed to the owners of the boats contravening the provisions of the Public Health Act, 1936, and the Canal Boats Regulations, the masters of the boats concerned have also been cautioned verbally.

Registration Particulars

Total number of Canal Boats on the register on 31st December, 1949		1,086
Total number of Canal Boats registered during 1950		19
		1,105
Registrations cancelled during 1950		3
Total		1,102
Particulars of registrations during 1950 :—		
Boats not previously registered		9
Boats previously registered with other Authorities		3
Boats on which structural alterations had taken place		7
Total registrations		19
Copy Certificates issued		13
Certificates endorsed in consequence of :—		
Change of ownership		38
Change of address of owner		4
Deletion of after cabin		2
Total endorsements		44

Infectious Diseases

During the year no notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district.

Legal Proceedings

It has not been found necessary during the year to institute legal proceedings.

FOOD INSPECTION

HULL

Report of the Chief Food Inspector

Public Health (Imported Food) Regulations, 1937-1948

Visits to Docks	2,373
Number of steamers from which cargoes were inspected	879
Number of packages landed therefrom	9,224,556
Number of detention notes issued by H.M. Customs	227

PARTICULARS OF "PROHIBITED" MEAT DISCOVERED

N I L

PARTICULARS OF "MEAT PRODUCTS" —SECOND SCHEDULE

Where from	Description	Quantity
Aalborg	Bacon	11,313 bales
,,	Tinned meat	2,234 packages
Aarhus	Bacon	30,416 bales
,,	Poultry	393 cases
,,	Udders	40 casks
,,	Tinned meat	9,984 packages
,,	Rinds	30 barrels
,,	Pigs' maws	9 ,,
Amsterdam	Tinned Meats	58,736 packages
,,	,, ,, ...	16 tons
,,	Poultry	138 cases
Antwerp	Tinned Meats	5,659 cases
Auckland	Pork	9,177 cases
,,	Lamb	12,640 ,,
,,	Mutton	579 ,,
,,	Beef	3,995 bags
,,	Beef	2,108 quarters
,,	Pigs' Heads	1,790 packages
Australia	Beef Tongue Roots	364 ,,
,,	Lamb Sundries	2,940 ,,
,,	Beef Livers	2,399 ,,
,,	Salt Beef	186 casks

Where from	Description	Quantity
Australia	Neck Breads	22 bags
,,	Mutton Sundries	9 ,,
,,	Livers	562 ,,
,,	Edible Offal	1,809 ,,
,,	Cheeks	648 ,,
,,	Beef and Veal	38 packages
,,	Thick Skirts	213 bags
,,	Tails	173 ,,
,,	Sheep's Hearts	4 packages
,,	Beef	7,873 quarters
,,	Tongue Roots	358 boxes
,,	Pork and Veal	8 packages
,,	Thick Skirts	232 ,,
,,	Beef Tripes	1,414 ,,
,,	Cut Hearts	18 bags
,,	Boneless Shins (moulded)	1,146 packages
,,	Whole Hearts	983 ,,
,,	Raw Tripe	411 packages
,,	Kidneys	3 bags
,,	Beef Sundries	270 ,,
,,	Ox Flanks, Thick	72 packages
,,	Lamb Pieces	292 bags
,,	Short Cut Tongues	294 ,,
,,	Ribs (bone in)	23 packages
,,	Boneless Beef	1,564 bags
,,	Beef Offals	975 ,,
,,	Veal Offal	86 ,,
,,	Pork Offal	140 ,,
,,	Pork	2,901 packages
,,	Mutton and Lamb Sundries	173 bags
,,	Shin Beef	3,770 packages
,,	Hares	2 cases
,,	Crops	13 packages
,,	Buttocks and Rumps	31 ,,
,,	Middles	32 ,,
,,	Tinned Meat	65,602 ,,
,,	Rabbits	25,815 crates
,,	Poultry	6,993 cases
,,	Lamb	106,397 carcases
,,	Mutton	55,227 ,,
,,	Tegs	1,176 ,,
,,	Boneless Veal	49 bags
,,	Buttocks (bone in)	4 packages
,,	Lamb, Tegs and Mutton Hoggets	18,362 ,,
Belgium	Tinned Meat	200 boxes
Copenhagen	Feet	523 casks
,,	Tinned Meat	194,502 cases
,,	Poultry	219 cases

Where from	Description	Quantity
Copenhagen	Casings	147 barrels
,,	Chitterlings	193 ,,
,,	Maws	314 ,,
,,	Udders	187 casks
,,	Rinds	261 ,,
,,	Bacon	105,357 bales
,,	Offal	193 barrels
,,	Tails	139 casks
,,	Middles	536 bales
,,	Pig Snouts	48 packages
Esbjerg	Bacon	3,133 bales
,,	Tinned Meats	658 packages
Finland	Bacon	5,694 bales
Gdynia	Frozen Poultry	1,323 cases
,,	Bacon	66,733 bales
,,	Maws	125 barrels
,,	Middles	200 cases
,,	Gammon	29 ,,
,,	Hog Casings	12 barrels
,,	Chitterlings	50 ,,
Genoa	Tongues	56 cases
Germany	Tinned Meat	183 ,,
Gothenburg	Chitterlings	1 barrel
,,	Maws	24 barrels
,,	Casings	2 casks
,,	Offal	5 ,,
Hobart	Rabbits	17,895 boxes
,,	Tallow	226 drums
,,	Telescoped Lamb	46,718 cases
,,	Telescoped Mutton	18,070 ,,
,,	Telescoped Hoggets	4 ,,
,,	Boneless Veal	2,137 bags
,,	Boneless Beef	360 ,,
,,	Pigs' Maws, Snouts, etc.	11 ,,
Holland	Tinned Meat	1,654 cases
Iceland	Whalemeat	6,400 boxes
,,	,, ...	10 tons
,,	Lamb Livers	300 bags
,,	Lamb Fries	649 bags
,,	Lamb Breads	2 cases
,,	Sweet Breads	10 boxes
,,	Sheep's Kidneys	191 boxes
,,	Sheep's Livers	383 ,,
Italy	Ox Tongue	334 cases
Kolding	Bacon	4,900 bales
Malmo	Casings	23 casks
,,	Feet	153 ,,
,,	Maws	113 ,,
,,	Tinned Meats	8,285 cartons

Where from	Description	Quantity
Malmo	Rinds	11 packages
,,	Chitterlings	40 ,,
,,	Offal	25 ,,
,,	Udders	6 barrels
,,	Fat ends	7 packages
Nakskov	Bacon	2,002 bales
New Zealand	Mutton Fat	59 casks
,,	Lambs	4,655 cases
,,	Edible Tallow	135 casks
,,	Edible Stearine	300 ,,
,,	Boneless Veal	6,410 bags
,,	Tegs	4,273 sides
,,	Boneless Beef	7,282 bags
,,	Boneless Mutton	998 ,,
,,	Mutton and Tegs	1,204 cases
,,	Wiltshire	6,017 sides
,,	Lamb	52,161 cases
,,	Bobby Veal	834 bags
,,	Sundries	2,911 packages
,,	Baconers	535 cases
,,	Beef	1,510 quarters
,,	Mutton	860 cases
,,	Corned Beef	6,531 ,,
Norrkoping	Hog Casings	7 barrels
Odense	Tinned Meats	1,865 cases
,,	Pigs' Maws	10 casks
,,	Chitterlings	15 ,,
,,	Offal	19 barrels
,,	Salted Casings	15 ,,
,,	Middles	92 bales
,,	Bacon	10,201 ,,
Oslo	Tinned Chicken	160 cases
Poland	Bacon	80,584 bales
,,	Poultry	8,503 cases
,,	Calf Veals	6 packages
,,	Middles	140 bales
,,	Hog Casings	3 barrels
,,	Pigs' Maws	90 ,,
,,	Tinned Meat	3,747 packages
,,	Chitterlings	50 barrels
Rosario	Tinned Meat	500 cases
Rotterdam	Tinned Meat	12,187 ,,
,,	Pheasants	50 ,,
,,	Casings	495 barrels
S. Africa	Tinned Meat	2,680 cases
S. America	Tinned Meat	131,139 ,,
Sweden	Pigs' Maws	147 barrels
,,	Hams	50 cartons
,,	Hog Casings	12 barrels

Where from	Description	Quantity
Wellington	Mutton	8,798 cases
,,	Lamb	63,084 ,,
,,	Beef	2,290 quarters

OTHER FOODSTUFFS INSPECTED

Description	Quantity		
Fish	5,140 packages		
Jelly Crystals	3,558 ,,		
Beans	3,866 ,,		
Red Cabbage	1,898 ,,		
Marzipan	5,436 ,,		
Vegetables in oil	15 ,,		
Carrots	6,520 ,,		
Paste Powder	80 ,,		
Dessert Powder	200 ,,		
Chocolate Coating	314 ,,		
Sprouts	1,000 ,,		
Vegetables in brine	4,203 ,,	and	171 tons
Eggs	655,737 ,,	,,	5 ,,
Bilberries	790,950 ,,	,,	64 ,,
Oranges	492,889 ,,	,,	60 ,,
Jelly	2,450 ,,		
Cheese	105,882 ,,	,,	2,400 ,,
Confectionery	13,082 ,,	,,	6 ,,
Peas	5,447 ,,	,,	30 ,,
Manderines	15,214 ,,		
Tinned Shrimps	200 ,,		
Shallots	10 ,,		
Almonds in shell	1,524 ,,		
Prawns	505 ,,		
Farina	40 ,,		
Dates	544 ,,		
Parsnips	2,954 ,,		
Pineapple Jam	250 ,,		
Butter Oil	9 ,,		
Poultry	1,162 ,,		
Frozen Salmon	567 ,,		
Blackcurrants	214 ,,		
Wafers	909 ,,		
Onions	574,156 ,,		
Cauliflowers	207,741 ,,		
Salad Cream	5 ,,		
Hazel Nuts	1,106 ,,		
Sugar Fat	13,501 ,,		
Tinned Fish	87,818 ,,		
Cranberries	1,100 ,,		

Description	Quantity
Sauerkraut	11,971 packages
Lemons	15,278 ,,
Suzettes	13,185 ,,
Butter	960,367 ,,
Chocolate Cream Filling	2,410 ,,
Tinned Lobster	289 ,,
Grapefruit	90,900 ,,
Lettuce	43,167 ,,
Picklers	57 ,,
Tinned Peas	6,532 ,,
Bottled Fruit	793 ,,
Melons	23,303 ,,
Brown Beans	10 ,,
Mussels	5,803 ,,
Cucumbers	133,353 ,,
Wafer Paste Powder	80 ,,
Caraway Seed	15 ,,
Sugar Mixture	1,000 ,,
Radishes	7,650 ,,
Coconut	239 ,,
Morfat Emulsion	100 ,,
Bananas	153,700 ,,
Cake Mixture	710 ,,
Citric Acid	23 ,,
Glucose Liquid	75 ,,
Plums	13,418 ,,
Cornflour	3,150 ,,
Sugar	12 ,,
Chocolate Spread	63 ,,
Blackberries	1,210 ,,
Strawberries	874 ,,
Asparagus	51 ,,
Peaches	1,498 ,,
Waffles	11 ,,
Beetroot	370 ,,
Apples	473,123 ,,
Potatoes	175,423 ,, and 661 tons
Salami Sausage	120 ,,
Shrimps	853 ,,
Chestnuts	400 ,,
Tinned Chicken	360 ,,
Fruit Juice	1,106 ,,
Cake Filling	73,088 ,, ,, 21 ,,
Groats	160 ,,
Cherries	35,301 ,, ,, 2 ,,
Plums, Pears and Peaches	192 tons
Red Currants	41 packages
Sweet Fat	231,842 ,, ,, 129 ,,
Tomatoes (including tinned)	761,002 ,, ,, 14 ,,

Description	Quantity			
Grapes	106,375	packages		
Couverture	9,057	,,		
Fat	47,803	,,		
Malt Syrup	202	,,		
Cabbage	8,432	,,		
Shelled Almonds	1,800	,,		
Fruit Pulp	4,104	,,	and 5	tons
Bakery Cream	10,400	,,	,, 123	,,
Tinned Gherkins	16,179	,,	,, 5	,,
Dried Yeast	12,061	,,		
Pears	456,319	,,	,, 11	,,
Biscuits	18,879	,,	,, 11	,,
Sweets and Chocolate	8,823	,,	,, 188¾	,,
Fondant	279,355	,,	,, 230	,,
Pomegranates	5,452	,,		
Shortbread	60	,,		
Tinned Carrots	367	,,		
Crystallised Fruit	828	,,		
Walnuts	270	,,		
Crispbread	100	,,		
Groundnuts	153	tons		
Tangerines	500	packages		
Tinned Crab Paste	1,970	,,		
Milk Sugar	401	,,		
Chocolate Vermicelli	339	,,		
Roes	3,109	,,		
Citrous Pectin	3	,,		
Orange Juice	32	,,		
Cherries in S.O.2	40	,,		
Milk Powder	17,428	,,		
Milk	96,665	,,		
Fruit Syrup	571	,,		
Mushrooms	14	,,		
Cockles	150	,,		
Pastry Mixture	42	,,		
Gooseberries	45,548	,,		
Lactose	50	,,		
Tinned Fruit	77,169	,,	,, 72	,,
Peaches	987	,,		

SUMMARY AND DESCRIPTION OF NUMBER OF PACKAGES OF FRUIT SORTED UNDER SUPERVISION

Description	Sorted	Unsound
Apples	126 boxes	51 boxes
Grapefruit	1,045 ,,	541 ,,

FOODSTUFFS FOUND TO BE UNFIT

Description	Quantity
Grapefruit	20 tons 5 cwts. 3 qrs. 0 lbs.
Pears	44 cases
Margarine	56 lbs.
Coconuts	7 × ½ bags
Cake filling	28 lbs.
Biscuits	60 tins
Meat	1,166 lbs.
Grapes	1 tray
Cherries	397 boxes
Plums	5 billots
Peaches	125 trays
Bacon	129 lbs.
Chocolate Couverture	56 lbs.
Tinned Goods	3 tons 0 cwts. 1 qr. 26 lbs.
Sweet Fat	2 cases and 1 bag
Tomatoes	55 packages
Fish	2 boxes
Cauliflowers	12 crates
Onions	2,629 packages
Mussels	131 bags
Bilberries	4,649 chips
Oranges	4 tons 2 cwts. 2 qrs.
Smoked sausages	53 lbs.
Middles	1 bale
Shallots	5 bags
Suzettes	56 lbs.
Apples	18 cwts. 0 qrs. 26 lbs.

SUMMARY OF WEIGHTS OF UNSOUND FOODSTUFFS

Description	Weight			
	Tons	Cwts.	Qrs.	Lbs.
Suzettes	—	—	2	—
Fruit and Vegetables	151	2	1	6
Sweet Fat	—	2	—	—
Tinned Goods	3	—	1	26
Coconuts	—	3	2	—
Biscuits	—	3	3	—
Meat	—	10	1	18
Mussels	3	5	2	—
Fish	—	1	—	—
Bacon	—	1	—	17
Chocolate Couverture	—	—	2	—
Cake Filling	—	—	1	—
Smoked Sausages	—	—	1	25

OTHER INSPECTIONS, ETC.

Five hundred cases of Tinned Ham from South Africa were placed under detention owing to the absence of the "Official Certificate." The Certificate later arrived by air and the goods were released.

Twelve kegs of Offal were discharged bearing an incorrect "Official Certificate." The goods were returned to the country of origin.

Twelve barrels of Pigs' Feet were detained as they were unaccompanied by "Official Certificates." They were later released upon receipt of the Certificates.

One thousand, six hundred and sixty-seven pieces of Whalemeat were detained as they were unaccompanied by Veterinary Certificates. They were later released upon receipt of Certified Veterinary Certificates and "Official Certificates" from the Icelandic Government.

Six hundred and sixty-seven cases of Polish Tinned Boiled Ham were detained as they were unaccompanied by "Official Certificates." They were later released upon receipt of the Certificates.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS, 1937

The above regulations have been in operation during the year and are working satisfactorily.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS, 1926

No action has been taken under these regulations during the year.

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS 1925 to 1948

Twenty-five samples of food were taken for analysis under the above Regulations during the year.

SHELLFISH BEDS

There are no shellfish beds within the jurisdiction of the Authority. No action, therefore, has been taken under the Public Health (Shellfish) Regulations, 1934, or the Food and Drugs Act, 1938.

Number of samples submitted for :—

(*a*) Chemical analysis .... 26—report on pages 41–42.

(*b*) Bacteriological examination 9—report on page 43.

Action taken as a result of unsatisfactory reports :—

Apple Syrup, Apple Sweetener, Apple Juice, Orange Syrup, Lemon Juice and Orange Juice.—The consignments were released on guarantees being received from the firms concerned to the effect that the goods would be treated so as to comply with the Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1948, before being sold by retail.

Stained Bacon and Wrapper.—The affected parts were removed and destroyed.

Mussels.—The mussels were condemned as unfit for human consumption.

FOOD INSPECTION

GOOLE

REPORT OF THE SENIOR PORT HEALTH INSPECTOR

Public Health (Imported Food) Regulations, 1937-1948

Visits to Docks	138
Number of vessels from which cargoes were inspected	155
Packages landed therefrom	538,875
Number of detention notes issued by H.M. Customs	52

PARTICULARS OF "PROHIBITED" MEAT DISCOVERED

N I L

PARTICULARS OF "MEAT PRODUCTS" SECOND SCHEDULE

Description	Quantity
Bacon	97,719 bales
Luncheon Meat	56,730 cases
Pork Luncheon Meat	14,108 cases and cartons
Tinned Meat	9,192 ,, ,,
Pork	7,013 cartons
Kidneys	3,242 cases and cartons
Ham	2,344 cases

Description	Quantity
Meat Preserves	2,223 cases and cartons
Tongues	1,254 ,, ,,
Braised Kidneys	1,150 cartons
Veal	900 cases and cartons
Udders	986 casks
Jellied Veal	579 cases
Frozen Pork	579 ,,
Lunch Tongues	404 cases and cartons
Geese	326 cases
Chickens	307 ,,
Shoulders and Hams	296 ,,
Chitterlings	254 casks
Shoulders	241 cases
Pheasants	221 ,,
Pigs' Maws	235 casks
Tinned Sausages	168 cases
Jellied Meat	163 cartons
Tails	120 casks
Hog Casings	116 ,,
Rinds	108 ,,
Sausages	97 ,,
Pigs' Feet	73 ,,
Pork Salami	62 cases
Turkeys	44 ,,
Stock Pigeons	30 ,,
Wild Ducks	25 ,,
Frankfurter Sausages	17 ,,
Udders and Tails	13 casks
Frozen Pheasants	10 ,,
Pork Sausages	5 boxes
Hens	4 cases

OTHER FOOD INSPECTED

Description	Quantity
Butter	113,325 casks
Cheese	43,693 cases, cartons, bundles and loose
Eggs	31,395 boxes
Farina	33,613 bags
	400 tons
Fondant	28,192 cases
Sweetened Fat	18,472 ,,
Condensed Milk	15,505 ,,
Onions	11,885 bags
Unsweetened Milk	11,635 cases
Pears	7,460 boxes
Cake Filling	4,245 cases

Description	Quantity
Sweetened Dessert Powder	2,400 bags
Mussels	2,379 ,,
Dates	2,370 cases and cartons
Chestnuts	2,365 bags
Potatoes	1,000 ,,
Plums	806 crates
Cooking Fat	800 cases
Cockles	712 baskets and bags
Nuts	676 bags
Walnuts	582 bags and cartons
Cauliflowers	500 crates
Baking Cream	480 cases
Grapes	426 boxes
Evaporated Milk	352 cases
Cucumbers	341 boxes
Gelatine	260 bags
Chocolate	215 cases
Potato Flakes	180 tons
Crab Paste	180 cartons
Tomatoes	172 boxes
Macaroon Biscuits	125 cartons
Salami Sausage	105 cases
Wafers	90 cartons
Cheese Spread	60 ,,
Pie Filling	40 cases
Apples	33 ,,
Cake Mixture	30 ,,
Salad Cream	18 casks
Frozen Fish	1 case

FOODSTUFFS FOUND TO BE UNFIT

Description	Quantity
Cake Filling	5 cases
Bacon	1 bale
Udders	1 cask

SUMMARY OF WEIGHTS OF UNSOUND FOODSTUFFS

Description	Weight			
	Tons	Cwts.	Qrs.	Lbs.
Cake Filling	—	1	1	0
Bacon	—	2	1	1
Udders	—	2	3	23

OTHER INSPECTIONS, ETC.

As a result of the unsatisfactory report on the bacteriological examination of a sample of mussels taken at Hull from a consignment from Holland, special attention was paid to mussels arriving at Goole from the same source. The importers were notified that future consignments of mussels would be detained until the result of a bacteriological examination of a sample was known and, in consequence, no further consignments arrived at the Ports of Hull and Goole during the year under review.

A request was received from an importer for permission to import mussels from Holland for line-bait. Permission was granted after a written guarantee had been given that the mussels would not be sold or otherwise distributed for human consumption. No mussels, however, were imported during the year ending 31st December, 1950.

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS, 1925 to 1948

One sample of Luncheon Meat was submitted to the Port Analyst ; particulars are given on pages 41–42.

REPORT OF THE PORT ANALYST

Foodstuffs

In the table below the results of the examination of seventeen samples of foodstuffs are set out :—

Total	Satisfactory	Unsatisfactory
27	22	5

Sample	Number	Result of Examination
Apple Juice	2	Contained 304 and 462 parts per million respectively of sulphur dioxide (350 parts per million allowed).
Apple Syrup	1	Contained 269 parts per million of sulphur dioxide. No prohibited preservatives detected.
Apple Sweetener	1	Contained 96 parts per million of sulphur dioxide. No prohibited preservatives detected.
Cherry Syrup	1	Free from preservatives.
Cherry Pulp	1	Contained 1,488 parts per million of sulphur dioxide (3,000 parts per million allowed).

Sample	Number	Result of Examination
Orange Juice	1	Contained 722 parts per million of sulphur dioxide (350 parts per million allowed). Free from other preservatives.
Orange Syrup	1	Contained 399 parts per million of sulphur dioxide (350 parts per million allowed).
Lemon Juice	1	Contained 364 parts per million of sulphur dioxide (350 parts per million allowed).
Fruit Syrup	1	Free from preservatives.
Strawberries in Syrup	2	Free from preservatives.
Raspberries in Syrup	1	Free from preservatives.
Pears in Syrup	1	Free from preservatives.
Cherries	1	Contained 1,064 parts per million of sulphur dioxide (3,000 parts per million allowed).
Dutch Pears	1	Free from preservatives.
Danish Stewed Pears	1	Free from preservatives.
Tinned Raspberries	1	Free from preservatives and prohibited colouring matter.
Citrus Pectin	1	Free from preservatives.
Tinned Peas	1	Free from preservatives and prohibited colouring matter.
Peeled Tomatoes	1	Free from preservatives. Contained 31 parts per million of copper, calculated on the dry matter.
*Luncheon Meat	2	Free from preservatives.
Frankfurter Sausages	1	Free from preservatives.
Black Cherry Jam	1	Free from preservatives.
Crystallied Apricots	1	Free from preservatives.
Stained Bacon and Wrapper	1	Contaminated with a member of the dinitrophenol group, all of which are poisonous.

* includes 1 sample from Goole.

BACTERIOLOGICAL EXAMINATIONS

Five samples of mussels and four of luncheon meat were submitted to the Director of the Public Health Laboratory Service for bacteriological examination. The luncheon meat was reported to be free from bacterial infection but the mussels were reported to be unsatisfactory and unfit for human consumption.

APPENDIX 1

Summary of Vessels Inspected, Foreign and Coastwise

HULL

From Foreign	Steamships	2,287	
	Motor Vessels	1,297	
	Sailing Vessels	—	
	Fishing Vessels	810	
Coastwise	Steamships	512	
	Motor Vessels	689	
	Sailing Vessels	—	
	Fishing Vessels	—	
			5,595

GOOLE

Foreign	Steamships	326	
	Motor Vessels	481	
	Sailing Vessels	—	
Coastwise	Steamships	402	
	Motor Vessels	311	
	Sailing Vessels	—	
			1,520
			7,115
Extra Visits			1,692
Total			8,807

Summary of Vessels Inspected, British and Foreign Owned

HULL

Owners			
British	Steamships	1,764	
	Motor Vessels	951	
	Sailing Vessels	—	
	Fishing Vessels	809	
	Flying Boat	—	
			3,524
Foreign	Steamships	1,035	
	Motor Vessels	1,035	
	Sailing Vessels	—	
	Fishing Vessels	1	
			2,071

GOOLE

Owners			
British	Steamships	570	
	Motor Vessels	255	
	Sailing Vessels	—	
			825
Foreign	Steamships	158	
	Motor Vessels	537	
	Sailing Vessels	—	
			695
			7,115
	Extra Visits		1,692
	Total		8,807

They were of the following nationalities :—

British	4,349
Dutch	951
German	395
Danish	384
Norwegian	288
Swedish	273
Finnish	133
Panamanian	73
Icelandic	38
French	29
Italian	29
Polish	25
Spanish	23
Greek	19
Russian	18
American	16
Belgian	16
Indian	11
Swiss	10
Brazilian	9
Jugo-Slavian	9
Costa Rican	5
Portuguese	5
Chilean	2
Egyptian	1
Uruguayan	1
Faroese	1
Hondurasian	1
Rumanian	1
Total	7,115

APPENDIX 2

Table showing the Ports from which came vessels boarded on arrival by Medical Officers

Port	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Aalborg	–	–	–	–	1	–	–	–	–	–	–	–	1
Abadan	3	1	2	–	1	3	2	2	1	3	–	–	18
Adelaide	–	–	–	–	–	1	–	–	1	–	–	1	3
Alexandria	–	–	–	1	2	–	–	–	–	–	–	–	3
Algiers	–	–	–	1	1	–	–	1	–	–	–	–	3
Almeria	–	–	–	–	–	–	–	–	–	–	–	1	1
Amuay Bay	–	–	–	–	–	1	–	–	–	–	–	–	1
Antwerp	–	–	1	2	1	–	4	–	–	–	1	–	9
Basra	–	–	–	1	–	–	1	–	–	–	–	–	2
Bathurst	3	4	9	9	1	1	–	–	1	–	–	–	28
Beira	–	–	–	–	–	–	1	1	–	–	–	–	2
Beirut	–	–	–	–	–	–	1	–	–	–	–	–	1
Bombay	–	–	–	–	–	–	–	–	–	1	–	–	1
Bona	–	–	1	1	–	–	–	–	–	–	–	–	2
Bremen....	7	6	7	5	5	5	5	7	3	3	2	2	57
Brisbane	–	–	–	1	1	–	–	–	–	–	–	1	3
Buenos Aires	1	–	–	1	–	–	–	–	1	1	–	1	5
Cape Town	–	–	–	–	–	–	1	–	–	–	–	–	1
Caripito	–	–	1	–	–	–	–	–	–	–	1	1	3
Casablanca	2	–	1	1	2	–	1	–	1	–	2	3	13
Chittagong	–	–	–	–	–	–	–	–	–	1	–	–	1
Copenhagen	–	–	–	3	–	–	–	1	–	–	–	–	4
Corpus Christi	–	1	–	–	–	–	–	–	–	–	–	–	1
Dakar	–	1	1	–	–	–	1	2	–	–	–	–	5
East London	–	–	–	–	–	–	–	–	–	–	1	–	1
Emden	–	–	–	–	–	–	–	1	–	–	–	–	1
Foreign Fishing Grounds	–	–	–	–	–	–	–	–	–	–	1	–	1
Freetown	2	–	4	2	–	1	3	2	1	3	–	1	19
Fremantle	4	1	1	–	2	1	2	–	4	1	4	2	22
Georgetown	–	–	–	–	–	–	–	–	–	1	–	–	1
Gdynia	1	–	–	1	–	2	–	–	–	–	–	1	5
Gothenburg	–	–	1	–	3	2	3	–	1	3	–	–	13
Haifa	–	1	1	–	–	1	–	–	–	–	–	–	3
Hamburg	4	2	6	7	5	3	5	2	6	5	5	5	55
Helsingfors	2	2	3	–	1	2	–	3	–	1	3	2	19
Hong Kong	–	–	–	–	–	–	–	1	–	–	–	–	1
Carried forward	29	19	39	36	26	23	30	23	20	23	20	21	309

Port	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Brought forward	29	19	39	36	26	23	30	23	20	23	20	21	309
Jaffa	–	–	–	–	–	–	–	1	–	–	–	–	1
Kotka	–	–	–	1	1	–	2	–	1	1	–	–	6
Lagos	1	2	–	1	1	2	2	2	1	1	–	2	15
Las Palmas	–	–	–	–	–	–	–	–	1	–	–	–	1
Las Piedras	–	–	–	–	–	–	–	–	–	–	–	1	1
Laurenco Marques	–	–	–	–	1	–	–	–	–	–	–	–	1
Lisbon	1	–	–	–	–	–	–	–	–	–	–	–	1
London	1	–	–	–	–	–	–	–	–	–	–	–	1
Mackay	–	–	–	–	1	–	–	–	–	–	–	–	1
Mantylouto	1	–	–	–	–	–	–	–	–	–	–	–	1
Mariestad	–	–	–	–	–	1	–	–	–	–	–	–	1
Melbourne	1	–	–	1	–	–	2	–	1	–	1	–	6
Mombasa	–	–	–	–	–	1	–	–	1	1	–	–	3
Montevideo	1	1	1	–	–	2	–	1	–	1	1	–	8
Montreal	1	–	–	–	–	2	–	–	–	–	–	–	3
New York	–	–	–	1	–	–	–	–	1	–	–	–	2
Novorossisk	1	–	–	1	1	1	–	–	–	–	–	–	4
Odessa	1	1	1	–	–	–	3	–	–	–	–	–	6
Oran	–	–	–	–	–	–	–	–	–	–	1	–	1
Oslo	–	–	1	3	2	1	1	1	–	1	–	1	11
Palermo	–	–	–	1	–	–	–	–	–	–	–	–	1
Paranagua	–	–	–	–	–	–	–	–	–	–	1	–	1
Porsgrund	–	–	–	–	–	–	–	–	1	–	–	–	1
Port Pirie	–	–	–	–	–	–	–	–	–	–	–	1	1
Port Said	–	1	–	–	–	–	–	–	–	–	–	–	1
Punta Cardon	1	–	–	1	1	–	–	1	–	1	1	1	7
Rabaul	–	1	–	–	–	–	–	–	–	–	–	–	1
Rangoon	–	–	–	–	–	1	–	–	–	–	–	–	1
Recife	–	–	1	–	–	–	1	–	–	–	–	–	2
Reykjavik	–	–	1	1	2	–	1	–	–	–	–	–	5
Rijeka	–	–	2	–	2	–	1	–	–	–	–	–	5
Rosario	–	–	–	–	–	1	–	1	–	–	–	–	2
Rotterdam	4	5	4	5	7	9	11	9	9	7	5	4	79
Safi	–	–	–	–	–	–	–	–	–	–	1	–	1
San Juan	–	–	–	–	–	–	–	–	1	–	–	–	1
Santos	–	–	–	1	–	–	–	–	–	–	–	–	1
Sapele	–	–	–	–	–	–	–	1	–	–	–	–	1
Sfax	–	1	–	–	4	1	1	1	2	1	–	–	11
South Georgia	–	–	1	–	–	–	–	–	–	–	–	–	1
Sunderland	–	–	–	–	–	–	1	–	–	–	–	–	1
Carried forward	43	31	51	53	49	45	56	41	39	37	31	31	507

Port	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Totals.
Brought forward	43	31	51	53	49	45	56	41	39	37	31	31	507
Sydney	–	–	–	1	1	–	1	1	–	1	1	–	6
Takoradi	–	1	–	1	–	–	–	2	–	2	–	–	6
Teneriffe	–	–	–	–	–	–	–	2	1	–	–	–	3
Valencia	1	–	–	–	–	–	–	–	–	–	–	–	1
Valparaiso	–	–	–	1	–	–	–	–	–	–	–	–	1
Wallaroo	–	–	–	–	–	–	–	1	–	–	–	–	1
Extra medical visits	–	–	–	1	–	–	1	–	–	–	–	–	2
Totals	44	32	51	57	50	45	58	47	40	40	32	31	527

APPENDIX 3

Tabulated Statement showing the Total Number of Admissions to Hospitals during 1950

Date of Admission 1950	Disease	Rating	Nationality	Name of Vessel	Where from	Date Discharged
Jan. 2nd	Bronchitis	Master	Finnish	s.s. " Vega "	Helsingfors	Jan. 4th
Jan. 28th	Mumps	Steward	Swedish	s.s. " Uto "	Middlesbrough	Feb. 18th
Feb. 1st	Malaria	Seaman	British	s.s. " Nikolas K "	Lagos	Feb. 18th
Feb. 8th	Measles	Passenger	British	s.s. " Melrose Abbey "	Rotterdam	Feb. 22nd
Feb. 26th	Malaria	Seaman	Norwegian	m.v. " Hoegh Clair "	Dakar	Mar. 15th
Apr. 4th	Malaria	Fireman	British	s.s. " Fort Gloucester "	Freetown	Apr. 22nd
Apr. 4th	Malaria	Fireman	British	s.s. " Fort Gloucester "	Freetown	Apr. 15th
Apr. 5th	Malaria	Fireman	British	s.s. " Fort Gloucester "	Freetown	Apr. 15th
Apr. 5th	Malaria	Fireman	British	s.s. " Fort Gloucester "	Freetown	Apr. 11th
Apr. 17th	Coronary Atheroma	Seaman	Indian	s.s. " City of Hong Kong "	Cape Town	Died Apr. 22
Apr. 27th	Malaria	Electrician	Swedish	s.s. " Mode "	Bathurst	May 9th
June 9th	Amoebic Dysentery	Fireman	Indian	s.s. " Urbino "	Dunkirk	Aug. 24th
June 15th	Bronchitis	Seaman	Indian	s.s. " Modasa "	Mombasa	July 5th
June 19th	Gastro-enteritis	Fireman	British	s.s. " Welsh Trader "	Rosario	June 28th
June 26th	Malaria	Fireman	British	s.s. " Fort Highfield "	Freetown	July 7th
July 17th	Measles	Apprentice	British	s.s. " Cape St. David "	Rijeka	Transferred to his home
Aug. 14th	Malaria	Seaman	Dutch	s.s. " Britsum "	Lagos	Aug. 25th
Aug. 18th	Acute Coryza	Steward	British	s.s. " Valacia "	Montreal	Aug. 25th
Aug. 26th	Ascariasis	Fireman	British	s.s. " City of Rochester "	Middlesbrough	Sept. 4th

APPENDIX 4

Vessels on their Arrival on which Cases of Infectious Disease existed or had occurred during the Voyage

Date 1950	Name of Vessel	Where from	No. of Cases	Rating	How dealt with
			DYSENTERY, AMOEBIC		
June 9th	s.s. " Urbino "	Dunkirk	1	Fireman	Admitted to Castle Hill Hospital, Cottingham
			INFLUENZA		
Jan. 24th	s.s. " Fogdo "	Middlesbrough	1	C. Steward	Treated on board by a private medical practitioner.
			MALARIA		
Feb. 1st	s.s. " Nikolas K "	Lagos	1	Steward	Admitted to Castle Hill Hospital, Cottingham.
Feb. 26th	m.v. " Hoegh Clair "	Dakar	1	Seaman	Admitted to Castle Hill Hospital, Cottingham.
Feb. 4th	s.s. " Fort Gloucester "	Freetown	10	Crew	5 suffered during voyage. 5 admitted to the Castle Hill Hospital, Cottingham
Apr. 27th	s.s. " Mode "	Bathurst	1	Electrician	Admitted to Castle Hill Hospital, Cottingham.
June 8th	s.s. " Industria "	Lagos	2	Donkeymen	1 proceeded home for treatment ; 1 suffered during voyage.
June 26th	s.s. " Fort Highfield "	Freetown	6	Crew	1 admitted to Western General Hospital, Hull; 5 suffered during voyage.
July 12th	s.s. " Ramillies "	Freetown	3	Crew	Suffered during voyage.
July 16th	s.s. " Helencrest "	Lagos	1	A.B.	Suffered during voyage.
July 26th	m.v. " Caithness "	Lagos	1	Steward	Admitted to hospital at Las Palmas.
July 29th	s.s. " Beaconsfield "	Freetown	1	C. Steward	Suffered during voyage.
Aug. 14th	s.s. " Britsum "	Lagos	1	A.B.	Admitted to Castle Hill Hospital, Cottingham.
Aug. 13th	s.s. " Nolisement "	Lagos	4	Crew	Suffered during voyage.
Aug. 15th	s.s. " Flora "	Algiers	4	Crew	Suffered during voyage.
Aug. 26th	s.s. " Thomas Holt "	Freetown	1	2nd Steward	Suffered during voyage.
Aug. 28th	s.s. " Oakhurst "	Freetown	2	Crew	Suffered during voyage.
Sept. 29th	m.v. " Hendonhall "	Freetown	1	Donkeyman	Suffered during voyage.
Oct. 13th	m.v. " Caithness "	Freetown	3	Crew	Suffered during voyage.

APPENDIX 4—*Continued*

Date 1950	Name of Vessel	Where from	No. of Cases	Rating	How dealt with
			MEASLES		
Jan. 20th	m.v. " Port Brisbane "	Melbourne	3	Crew	Suffered during voyage.
July 7th	s.s. " Cape St. David "	Rijeka	1	Apprentice	Transferred from ship to his home at Bridlington.
Feb. 8th	s.s. " Melrose Abbey "	Rotterdam	1	Passenger	Admitted to Castle Hill Hospital, Cottingham.
			MUMPS		
Jan. 30th	s.s. " Uto "	Middlesbrough	1	Steward	Admitted to Castle Hill Hospital, Cottingham.
Aug. 10th	s.s. " Umtali "	Beira	4	Passengers	Convalescent cases ; allowed to proceed to their homes.
			PNEUMONIA, ACUTE LOBAR		
Nov. 11th	s.s. " Bury "	Hamburg	1	C. Officer	Died at sea, 10th November, 1950.
			TUBERCULOSIS		
Apr. 23rd	s.s. " Mount Orford Park "	Sydney	1	D.B.S.	Died ; buried at sea.
Apr. 29th	s.s. " Fort St. Joseph "	Freetown	1	Cook	Admitted to hospital at Port Harcourt.
May 1st	s.s. " Richard Borchard "	Sfax	1 (calcified gland)	Seaman	Medical treatment recommended.
June 9th	s.s. " Clan Buchanan "	Fremantle	1	Casib.	Remained on board and proceeded to London to obtain treatment.
Aug. 1st	m.v. " Rio Branco "	Dakar	1	Asst. Engineer	Repatriated to Norway at own request.
Feb. 3rd	s.s. " Dabaibe "	Karlshamn	1	Fireman	Paid off ; returned to his home.

APPENDIX 5

Total No. of ships inspected	6,588
Total No. of ships with defects, including those due to dirt, vermin, etc.	697
(*a*) **At Hull**	
British owned	263
Foreign owned	272
(*b*) **At Goole**	
British owned	35
Foreign owned	127

(*a*) DEFECTS OF ORIGINAL CONSTRUCTION

BRITISH

VENTILATION :—

	No. of defects	Remedied
Unventilated water closets	10	—
,, wash-places	8	—
,, cabins	2	—
,, galleys	1	—
,, galley-messrooms	1	—
,, messrooms	1	—
Ventilators in an unsatisfactory position over bunks	2	2

CREWS' QUARTERS :—

Refrigeration plant causing condensation in cabin	1	1
No meat safe	1	1

WATER CLOSETS :—

W.C.'s without water supply	2	—
	—	—
Totals	29	4
	—	—

FOREIGN

VENTILATION :—

	No. of defects	Remedied
Unventilated water-closets	161	3
,, wash-places	109	—
,, cabins	83	2
,, messrooms	29	—
,, pail closet compartments	29	—
,, galley-messrooms	28	—
,, forecastles	17	—
,, water closets—washplaces	17	—
,, galleys	1	—
,, saloons	1	1
,, shower compartments	1	—
Ventilators in an unsatisfactory position over bunks	5	—

CREWS' QUARTERS :—

No heating to cabin	1	—
Inadequate heating to cabin	1	—

WATER CLOSETS :—

W.C.'s without water supply	74	—
No W.C. provided	1	—
Totals	558	6

(*b*) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR

BRITISH

	No. of defects	Remedied
Defective W.C.'s and fittings	78	64
,, side ports and glasses	54	50
,, radiators	30	30
,, and leaky overhead decks	24	19
,, showers	21	20
,, doors	19	16
,, wash-hand basins and fittings	17	15
,, flooring	16	15
,, stoves and fittings	13	13
,, waste pipes	12	11
,, ventilators	11	10
,, geysers	10	10
,, water supply-pipes	10	7

		No. of defects	Remedied
Defective	taps	9	9
,,	steam pipes	7	7
,,	tables	7	7
,,	and choked scuppers	6	5
,,	food lockers	6	6
,,	clothes lockers	5	2
,,	fresh water pumps	5	4
,,	hawse pipes	5	5
,,	or insufficient sheathing or corkdust	4	4
,,	central heating stoves	3	3
,,	cupboards	3	3
,,	bulkheads	2	2
,,	bunks	2	1
,,	drawers	2	2
,,	galley coal bunkers	2	2
,,	sky lights	2	2
,,	sinks	2	2
,,	companion ladder	1	1
,,	conditioned air fan	1	1
,,	chute to ventilator over bunk	1	1
,,	draining board	1	1
,,	electric light fitting	1	1
,,	man-hole door cover	1	1
,,	hot-press	1	1
,,	seating	1	—
,,	shell plating	1	1
,,	soil pipe	1	1
	Totals	397	355

FOREIGN

Defective	W.C.'s and fittings	42	7
,,	side ports and glasses	10	10
,,	doors	4	4
,,	stoves and fittings....	3	2
,,	clothes lockers	2	2
,,	water supply pipes	2	—
,,	steam-pipe	1	1
,,	ventilator	1	1
,,	wash hand basin	1	1
	Totals	66	28

(*c*) DIRT, VERMIN AND OTHER CONDITIONS PREJUDICIAL TO HEALTH

BRITISH

	No. of defects	Remedied
Dirty condition of cabins	152	152
,, ,, ,, messrooms	46	46
,, ,, ,, wash-places	36	36
,, ,, ,, W.C. compartments	31	31
,, ,, ,, forecastles	19	18
,, ,, ,, alleyways	4	4
,, ,, ,, refrigerators	3	3
,, ,, ,, storerooms	3	2
,, ,, ,, galleys	2	2
,, ,, ,, galley skylight	1	1
Verminous condition of cabins	813	772
,, ,, ,, messrooms	166	153
,, ,, ,, pantries	65	61
,, ,, ,, galleys	51	47
,, ,, ,, storerooms	37	37
,, ,, ,, saloons	26	25
,, ,, ,, forecastles	18	16
,, ,, ,, bakeries	6	6
,, ,, ,, linen lockers	4	4
,, ,, ,, wash-places	4	4
,, ,, ,, alleyways	2	2
,, ,, ,, flour lockers	2	2
,, ,, ,, smoke rooms	2	2
,, ,, ,, hospital	1	1
,, ,, ,, refrigeration handling room	1	1
Crews' quarters showing signs of rat infestation	7	5
Insanitary condition of galley refuse	2	2
Misappropriation of Crew Spaces :—		
Drying room used as a storeroom	4	3
Hospital used as a storeroom	1	1
Hospital used as a cabin	1	—
Totals	1,510	1,439

FOREIGN

	No. of defects	Remedied
Dirty condition of cabins	5	5
,, ,, ,, forecastles	4	2
,, ,, ,, storerooms	4	2
,, ,, ,, W.C. compartments	3	3
,, ,, ,, messrooms	2	2
,, ,, ,, alleyway	1	1
,, ,, ,, galley	1	1
,, ,, ,, pantry	1	1
,, ,, ,, washplace	1	1
Verminous condition of messrooms	10	10
,, ,, ,, cabins	6	6
,, ,, ,, storerooms	4	4
,, ,, ,, galleys	3	3
,, ,, ,, pantries	3	2
,, ,, ,, forecastle	1	1
Totals	49	44

(*d*) DEFECTS ARISING FROM STRUCTURAL ALTERATIONS

BRITISH

	No. of defects	Remedied
VENTILATION :—		
Unventilated water-closets	27	7
,, wash-places	27	7
,, messrooms	4	1
,, forecastles	3	1
,, drying room	1	—
,, shower	1	—
Ventilators in an unsatisfactory position over bunks	8	2
Inadequate ventilation to provision locker	1	1

	No. of defects	Remedied
CREWS' QUARTERS :—		
No heating to cabin	1	1
No food locker in cabin	1	—
	—	—
Totals	74	20
	—	—
FOREIGN		
VENTILATION :—		
Unventilated cabins	111	5
,, wash-places	42	—
,, water closets	42	—
,, messrooms	25	—
,, forecastles	8	—
,, galley-messrooms	3	—
,, water closets-wash places	3	1
,, pantry	1	—
Ventilators in an unsatisfactory position over bunks	3	—
WATER CLOSETS :—		
W.C.'s without water supply	12	—
	—	—
Totals	250	6
	—	—

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